

SCANNED # _____

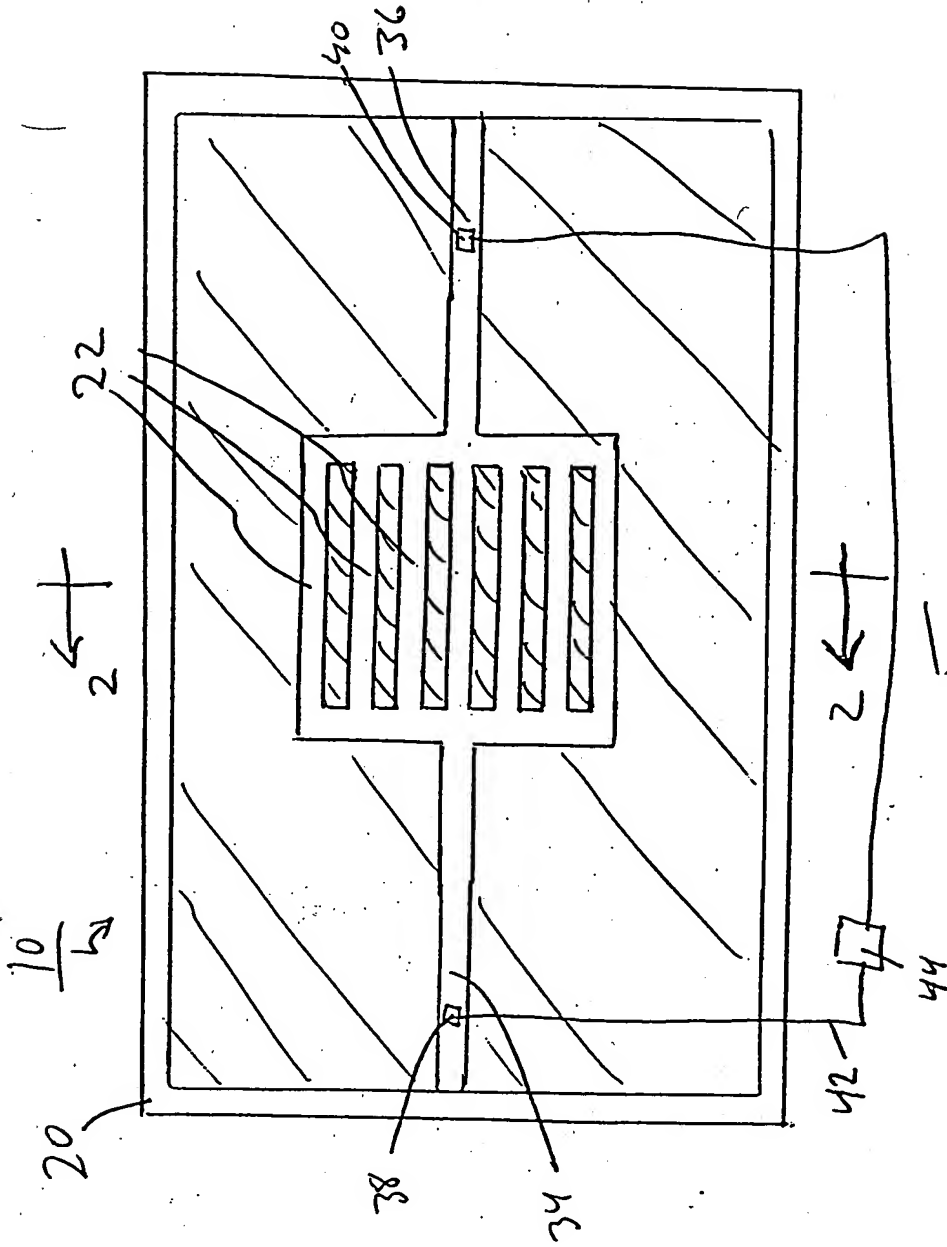
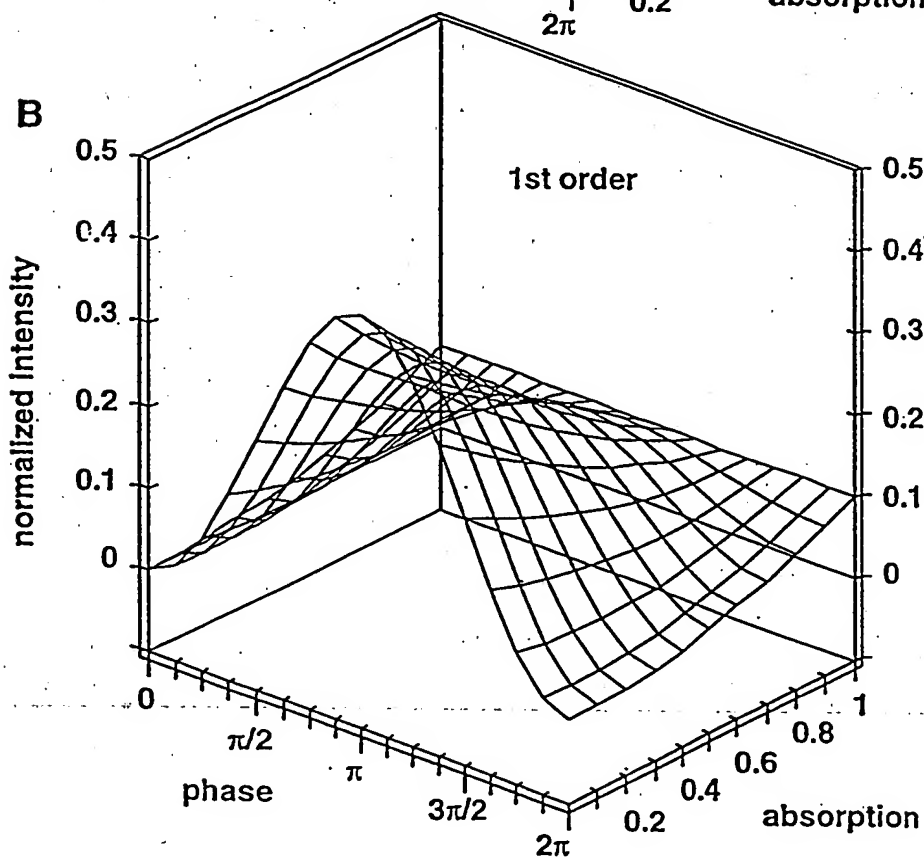
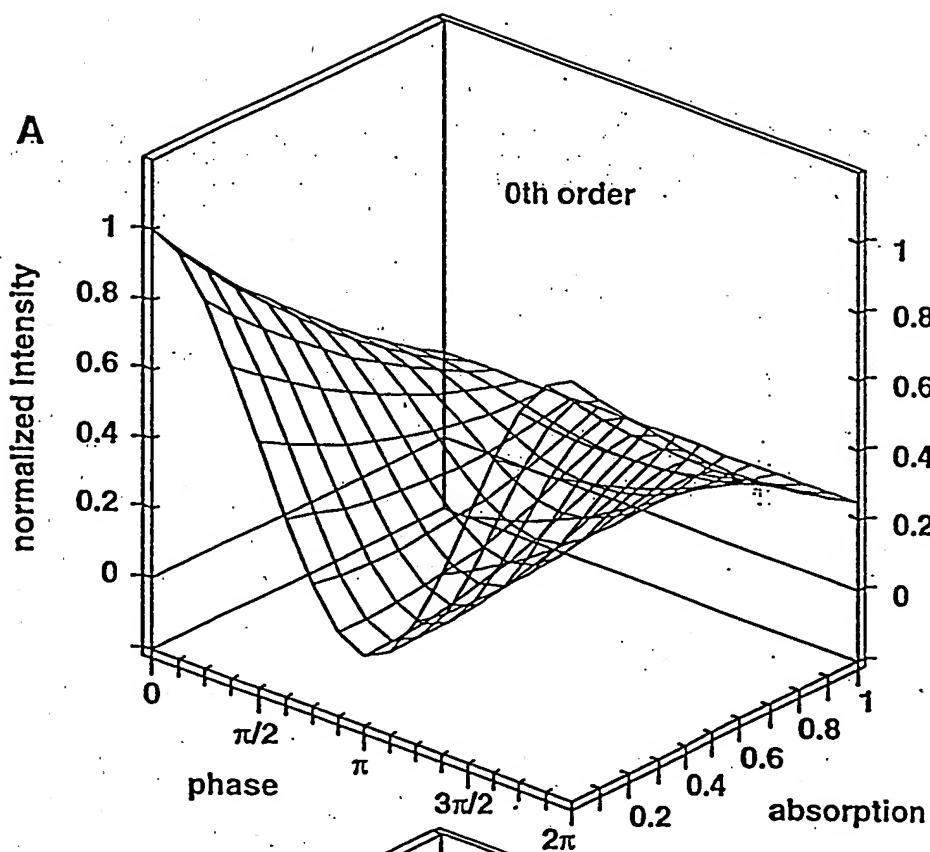


FIG. 2A



10003033-110101

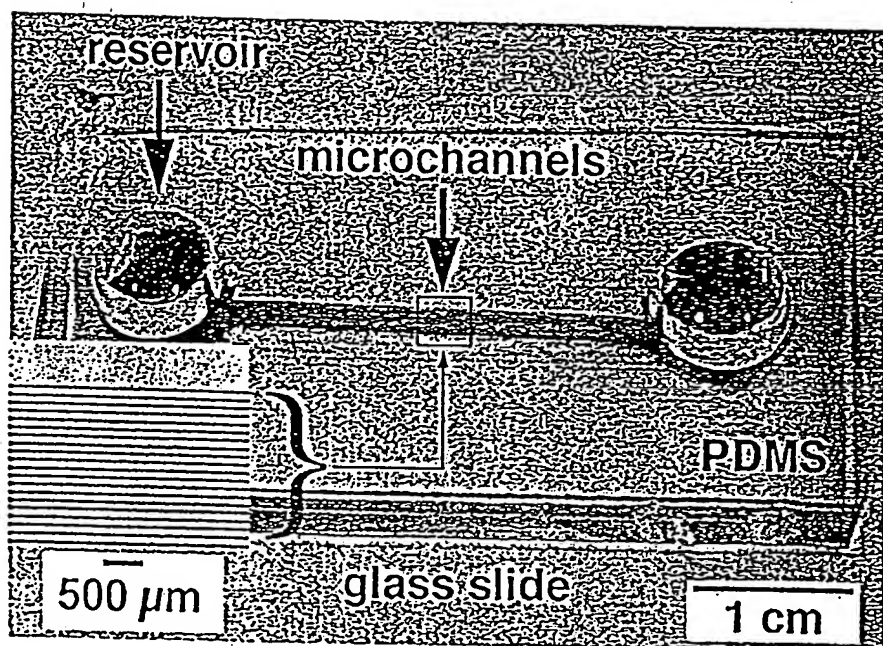
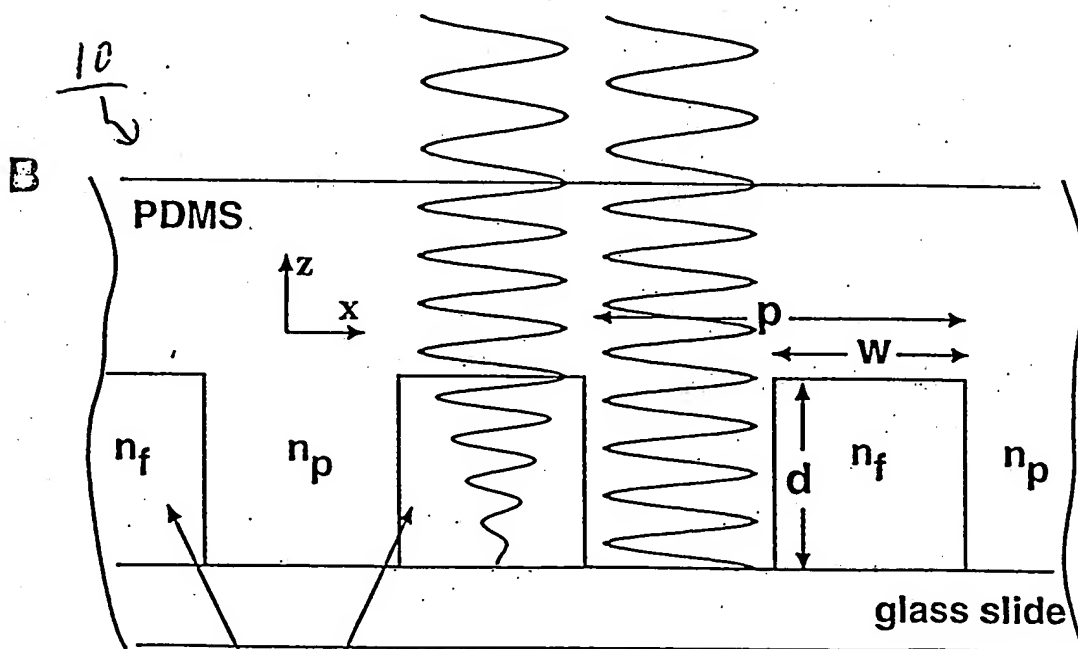
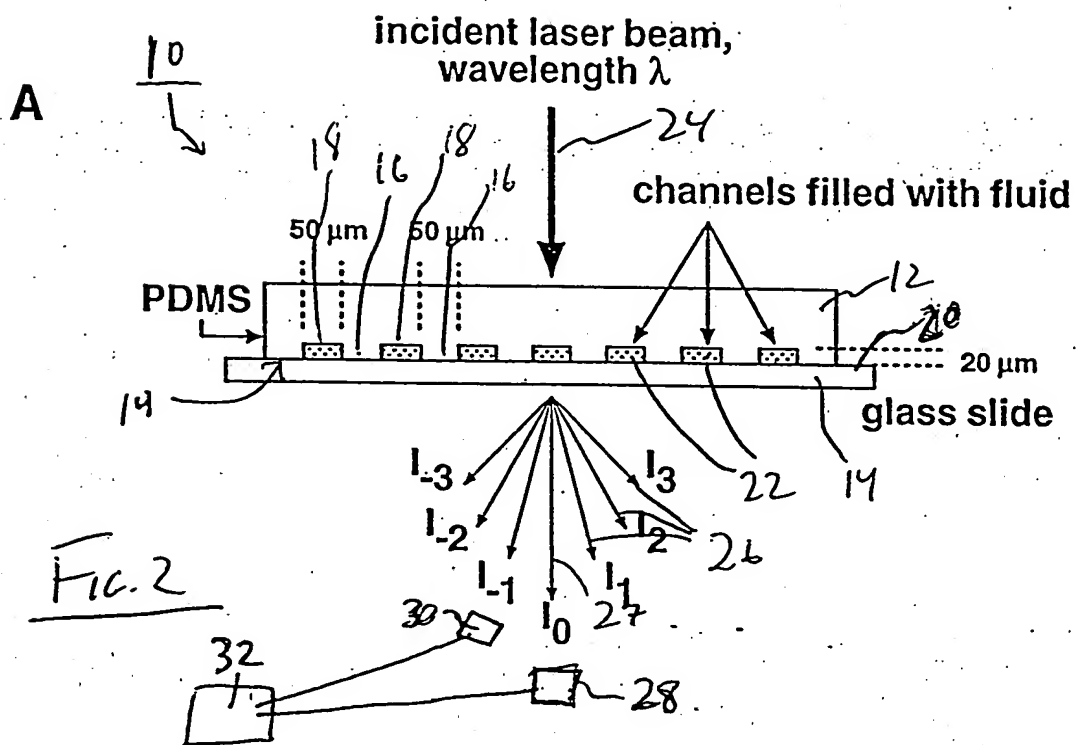


Fig. 1

10003033-110101

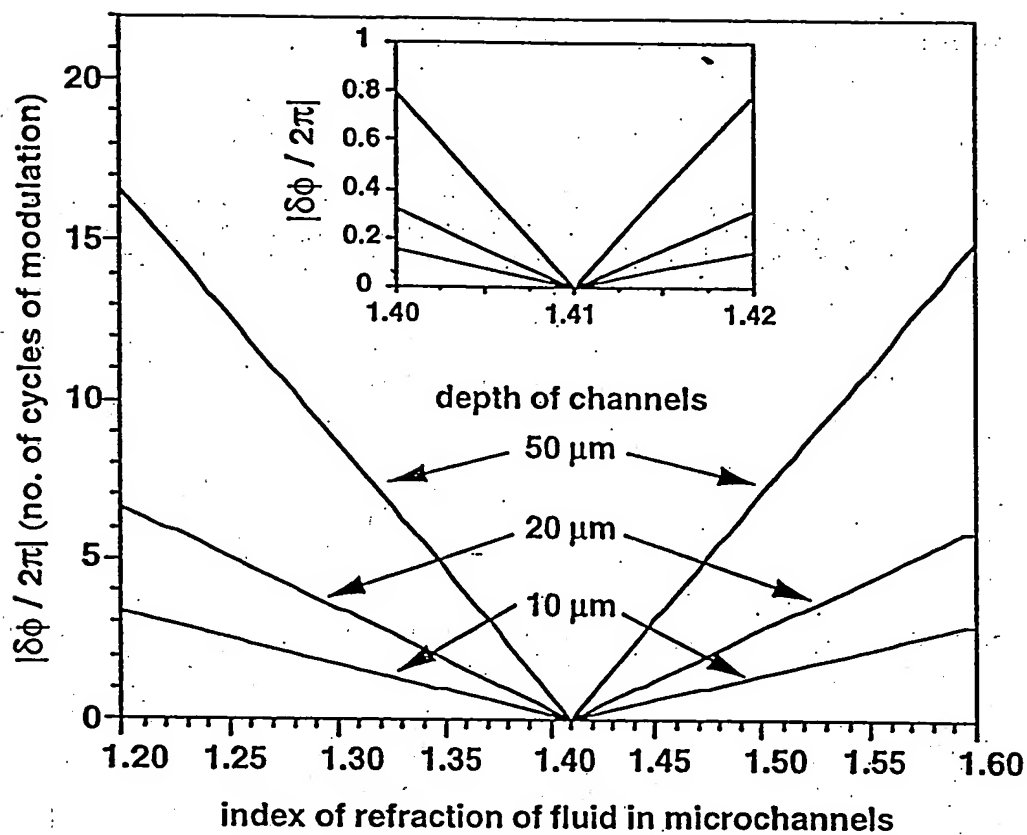


$$\delta\phi = \frac{2\pi}{\lambda} d \Delta n$$

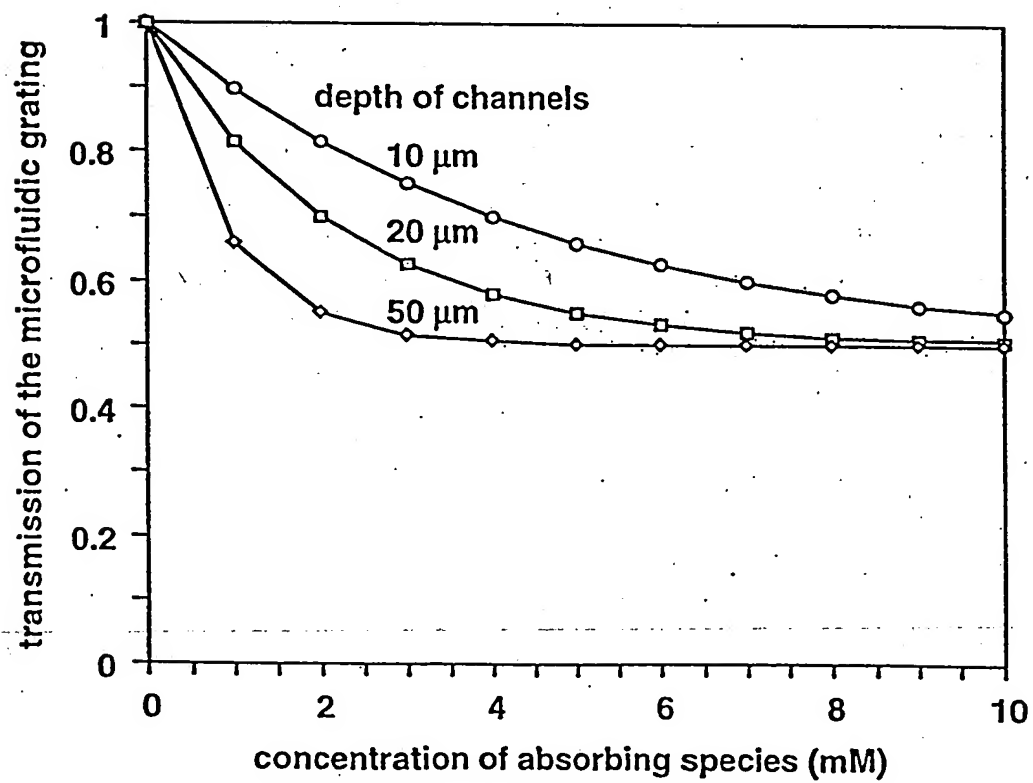
channels filled with fluid

Fig. 3

A

Fig 4

B

Fig 5

FOOTNOTES

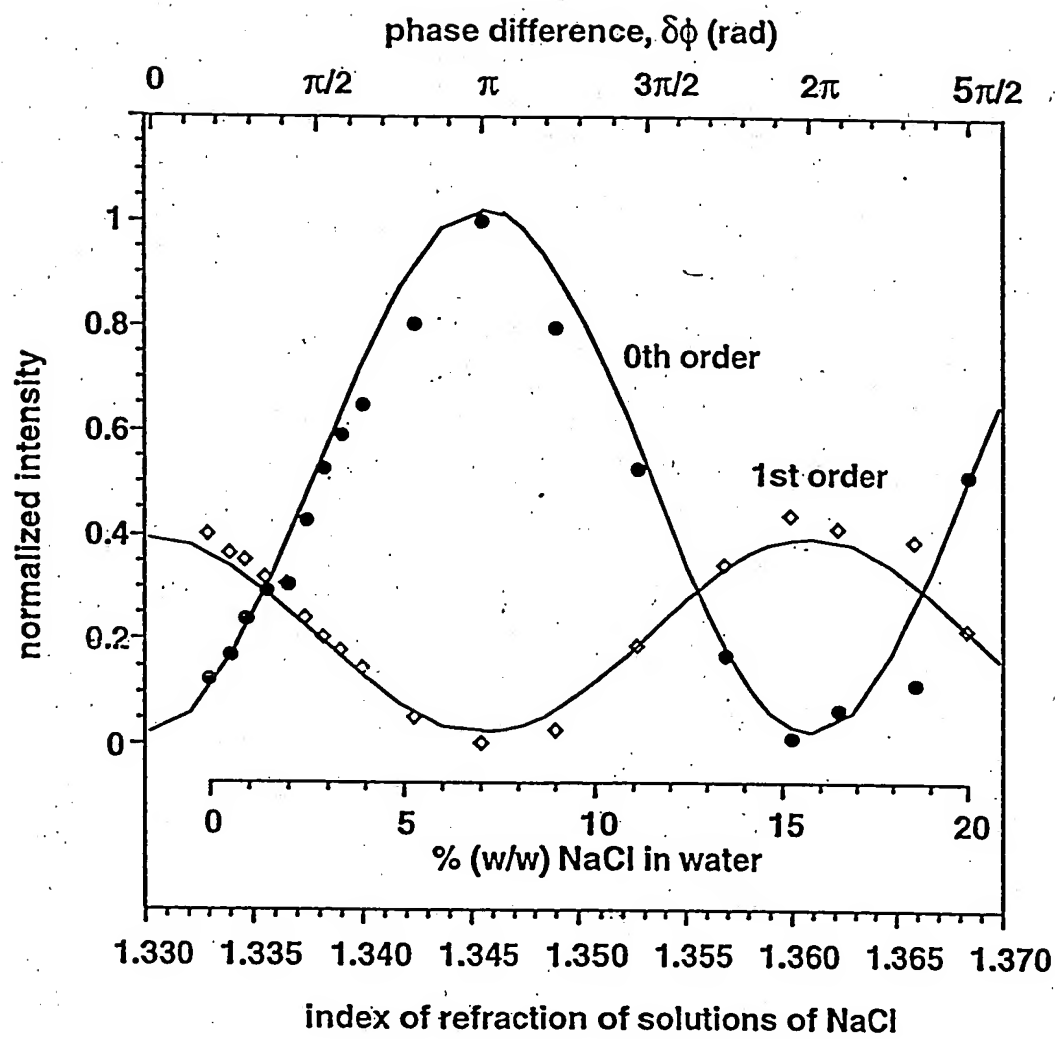
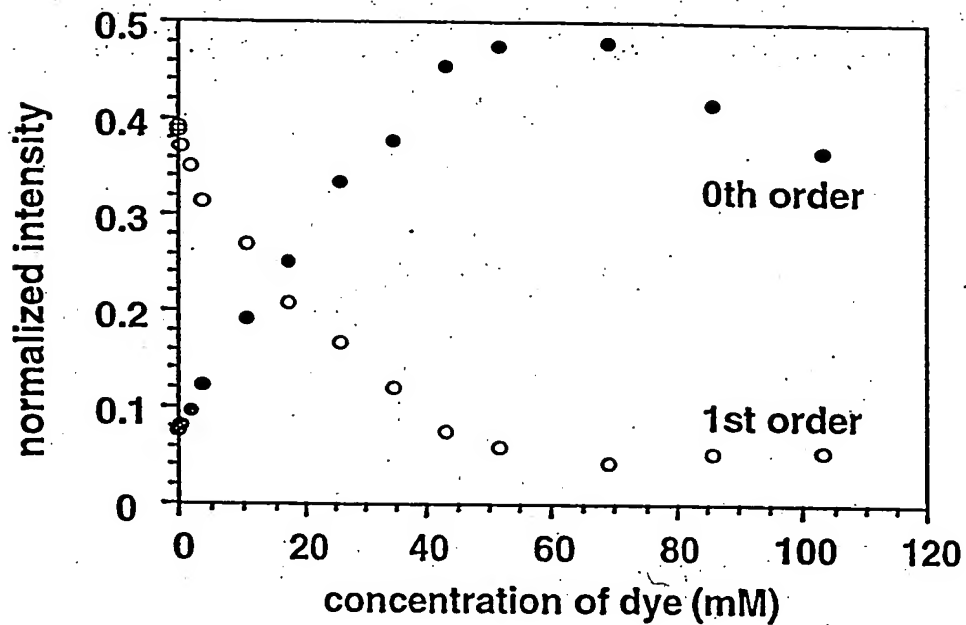


Fig. 8

A



B

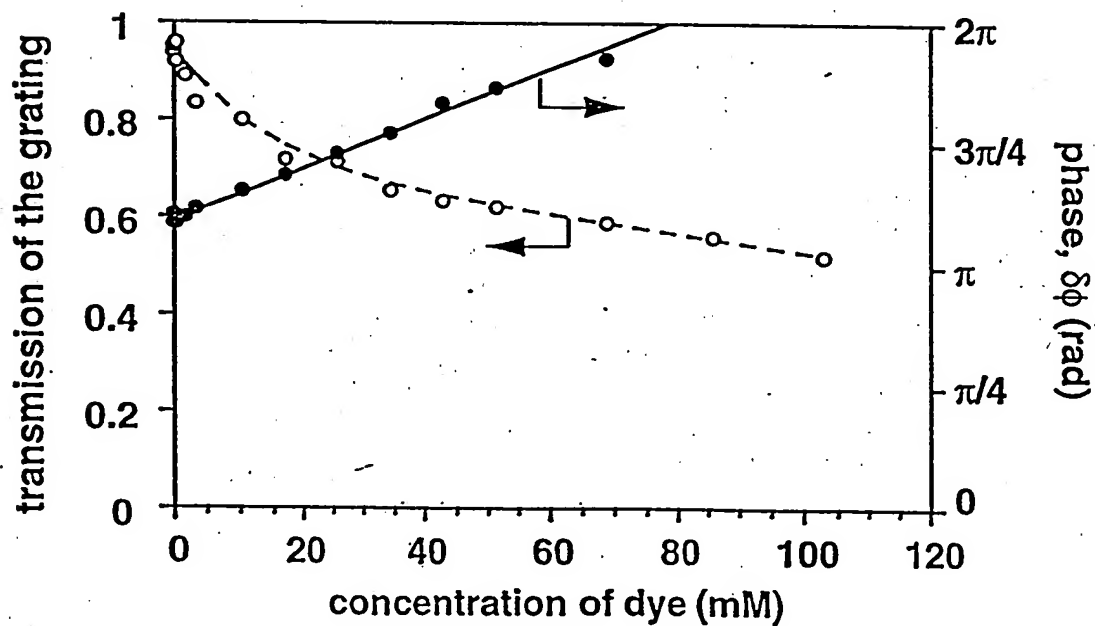


FIG. 9

100303-1101

FIG. 10

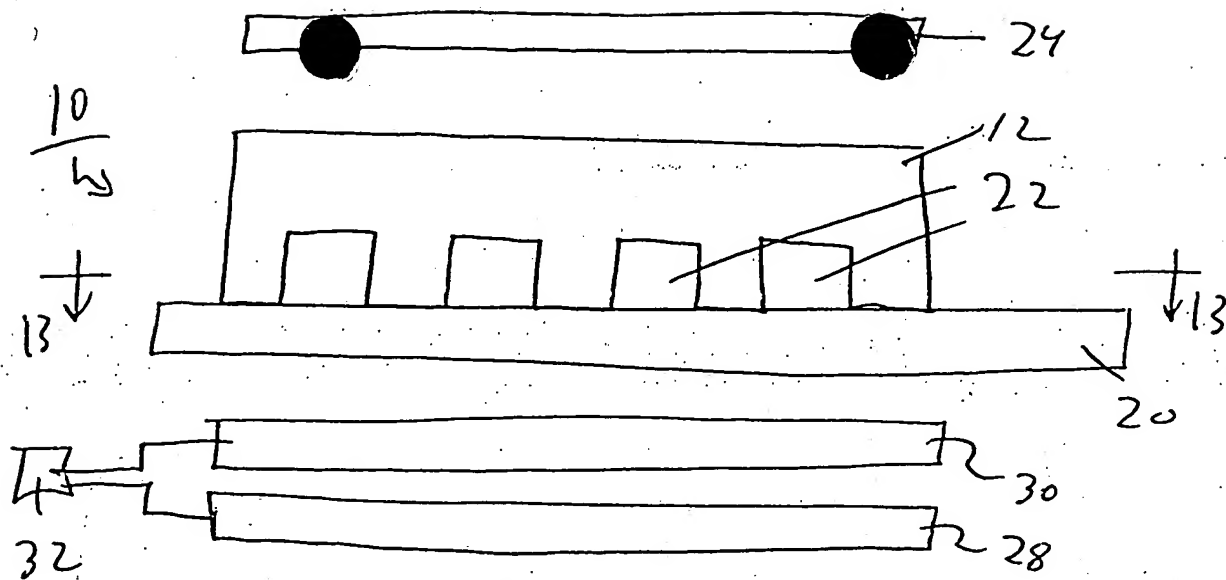


Fig. 11

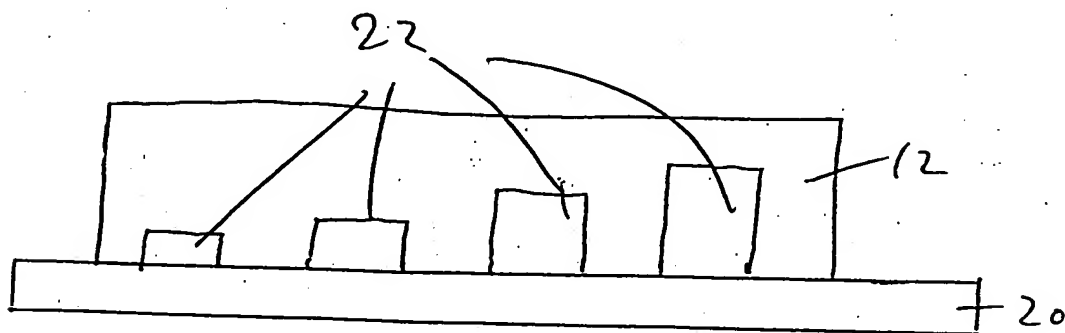


Fig. 12

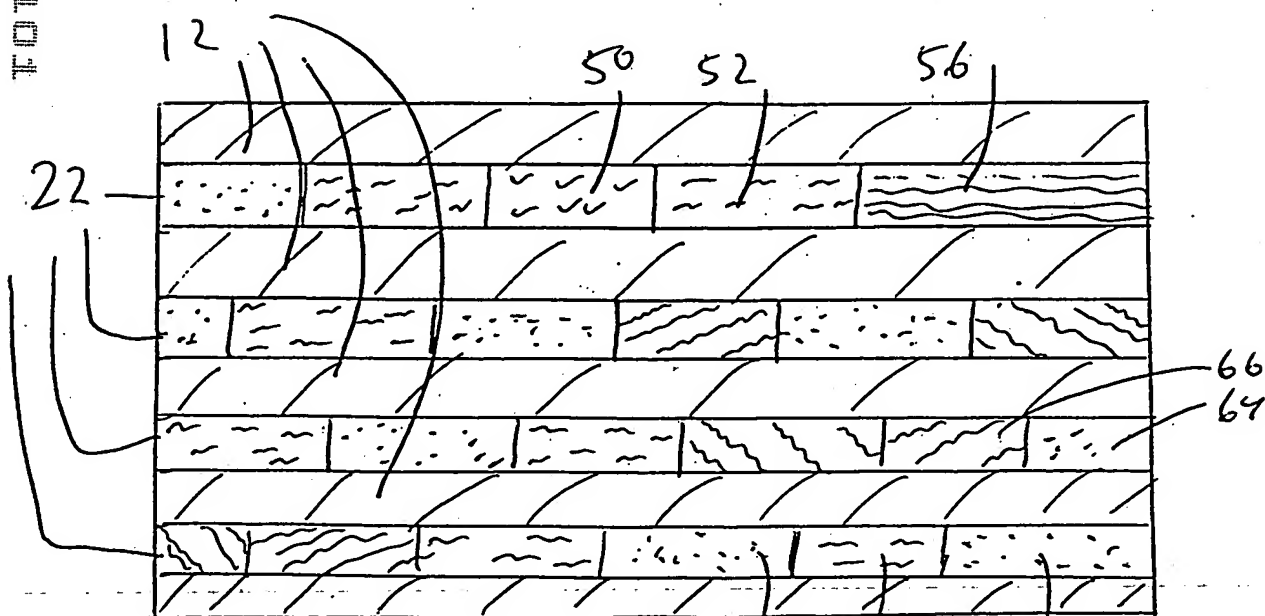


Fig. 13

FOOTPRINT